

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID20967
Project Name	Project - University Admit Eligibility Predictor
Maximum Marks	2 Marks

**Proposed Solution Template:**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Students are often worried about their chances of admission to University. The aim of this project is to help students in shortlisting universities with their profiles. The predicted output gives them a fair idea about their admission chances in a particular university. This analysis should also help students who are currently preparing or will be preparing to get a better idea.
2.	Idea / Solution description	To find the best and optimal solution to the selected problem statement that is the university admission predictor we can give the solution using machine learning. In machine learning there are lots of algorithms to predict the data and to give the output based on it's prediction. This prediction must be done in a correct manner and the output must be generated as per the correct prediction. The result should have a high accuracy. To achieve that we can use logistic regression algorithm which have high accuracy almost equivalent to 85%. So we can use logistic regression algorithm to find the accurate solution.
3.	Novelty / Uniqueness	Logistic Regression is used when the dependent variable (target) is categorical. For this application we can use Logistic regression.
4.	Social Impact / Customer Satisfaction	Using this model the customer that is the student can be satisfied.
5.	Business Model (Revenue Model)	Regression.
6.	Scalability of the Solution	This solution can be scalable to any number of data in the dataset.

